Approped Fpr Release 2000/06/30 : CIA-RDP78B04560A006200010032-5

PHOTOGRAPHIC INTERPRETATION REPORT



25X1D

MISSION G-015

23 FEBRUARY 1968

NPIC/R-33/68 FEBRUARY 1968

GROUP 1 EXCLUDED FROM AUTOMATIC DOWNGRADING AND DECLASSIFICATION

Approved For Release 2000/06/30 : CIA-RDP78B04560A006200010032-5

WARNING

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

Approved For Release 2000/06SECRETA-RDP78B04560A006200010032-5 MISSION G-015, 23 FEBRUARY 1968 NPIC/R-33/68

PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM MISSION G-015, 23 FEB 68. THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMIREX TARGET NUMBER.

25X1D

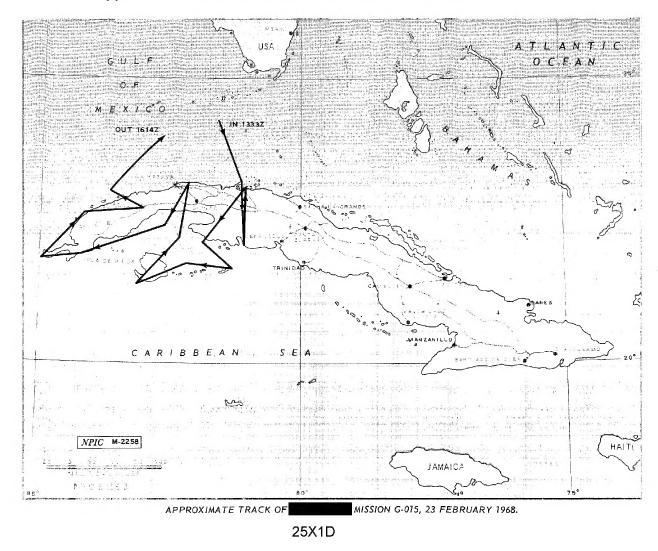
SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), O (OBLIQUITY), AND GR (GROUND RESOLUTION).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS SIGNIFIED BY ST (STEREO), NS (NONSTEREO), OR PS (PARTIAL STEREO).

AAA DEFENSES ARE DIVIDED INTO FOUR BASIC CATEGORIES -- LIGHT (21-75 MM), MEDIUM (76-100 MM), HEAVY (OVER 100 MM), AND AUTOMATIC WEAPONS (ZPU-1, ZPU-2, AND ZPU-4). IF THE CATEGORY CANNOT BE DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED (EXAMPLE -- 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED).

THOSE TARGETS WHICH REFLECT NO SIGNIFICANT CHANGE IN FACILITIES FROM THE MOST ADEQUATE PREVIOUS MISSION WILL CARRY THE APPROPRIATE MISSION NUMBER AND DATE, PREFIXED BY THE LETTERS NAC, AS THE LAST ENTRY ON THE PHOTO REFERENCE LINE.

Approved For Release 2000/06/30 : CIA-RDP78B04560A006200010032-5



Approved⊁6 Release 2000 CES T: CIA-RDP78B04560A006200010032-5

MISSION G-015, 23 FEBRUARY 1968

NPIC/R-33/68

ITEMS OF SPECIAL INTEREST

LA HABANA SAM SITE FORT DE LA CABANA IS NOW OCCUPIED AND OPERATIONAL.

Approved 501 Release 2000/06/2008 PGIA-RDP78B04560A006200010032-5

MISSION G-015, 23 FEBRUARY 1968

NPIC/R-33/68

MISSILES

25X1D

25X1D

ALQUIZAR SAM SITE A30-2

13-1

CU 22491 08238

25X1A

25X1A

OB -- 6 EMPLACED LAUNCHERS, 9 MISSILE TRANSPORTERS, A FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS, A PROBABLE ACQUISITION RADAR, 8 AT-S TRACKED PRIME MOVERS, 3 ZIL-157V TRUCK TRACTORS, AND 4 OTHER VEHICLES.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D

25X1D

25X1D

EL CANO SAM SITE

86-K2

CU 2303

08229

25X1A

25X1A

OB -- 6 EMPLACED LAUNCHERS, A PROBABLE FAN SONG RADAR, AND A PROBABLE ACQUISITION RADAR. NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D

25X1D

25X1D

GUANABACOA SAM SITE A14-2

86-Y1

2305 CU

08215

25X1A OB -- 6 EMPLACED LAUNCHERS, 9 MISSILE TRANSPORTERS, A 25X1A PROBABLE FAN SONG RADAR WITH 4 ASSOCIATED VAN TRAILERS, A SPOON REST RADAR WITH GENERATOR VAN. 9 ZIL-157V TRUCK TRACTORS, AND 1 CARGO TRUCK. NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D

25X1D

25X1D

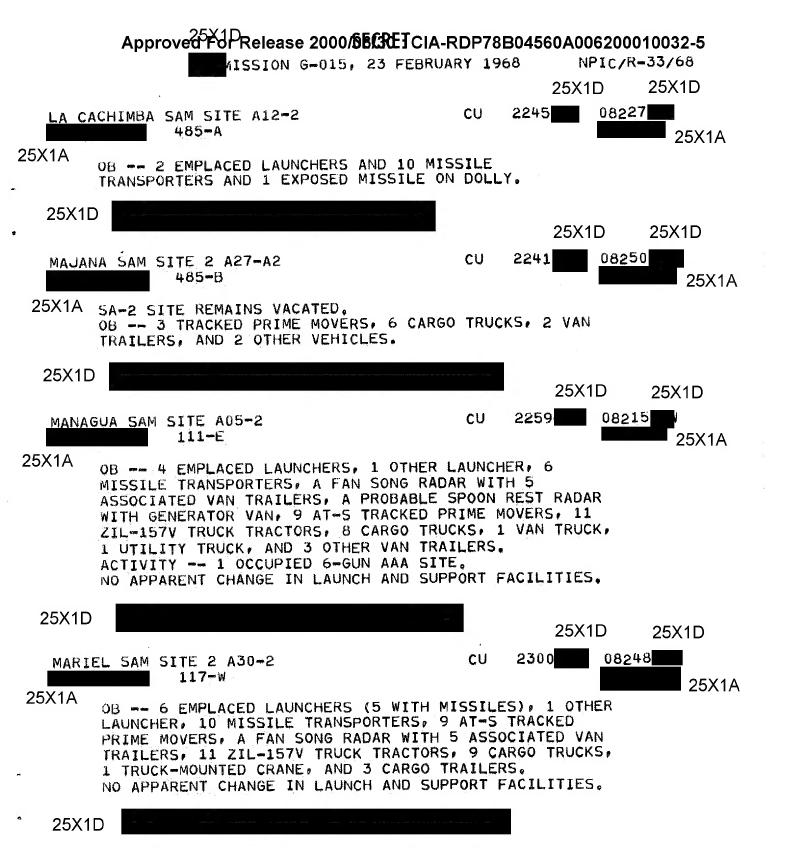
GUARA SAM SITE A29-2 488

CU 2248 08213

25X1A

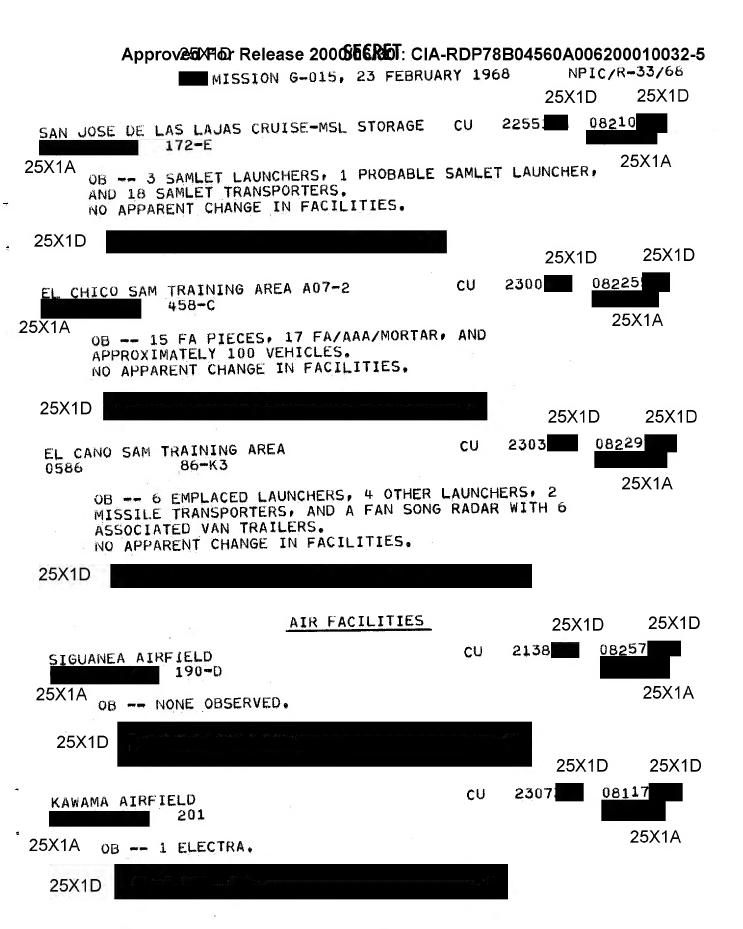
OB -- 6 EMPLACED LAUNCHERS, 9 MISSILE TRANSPORTERS, A 25X1A PROBABLE FAN SONG RADAR WITH 5 ASSOCIATED VAN TRAILERS, A SPOON REST RADAR WITH GENERATOR VAN, 6 AT-S TRACKED PRIME MOVERS, 8 ZIL-157V TRUCK TRACTORS, B CARGO TRUCKS, 2 VAN TRUCKS, 1 TRUCK-MOUNTED CRANE, AND 3 OTHER VAN TRAILERS. ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE. NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

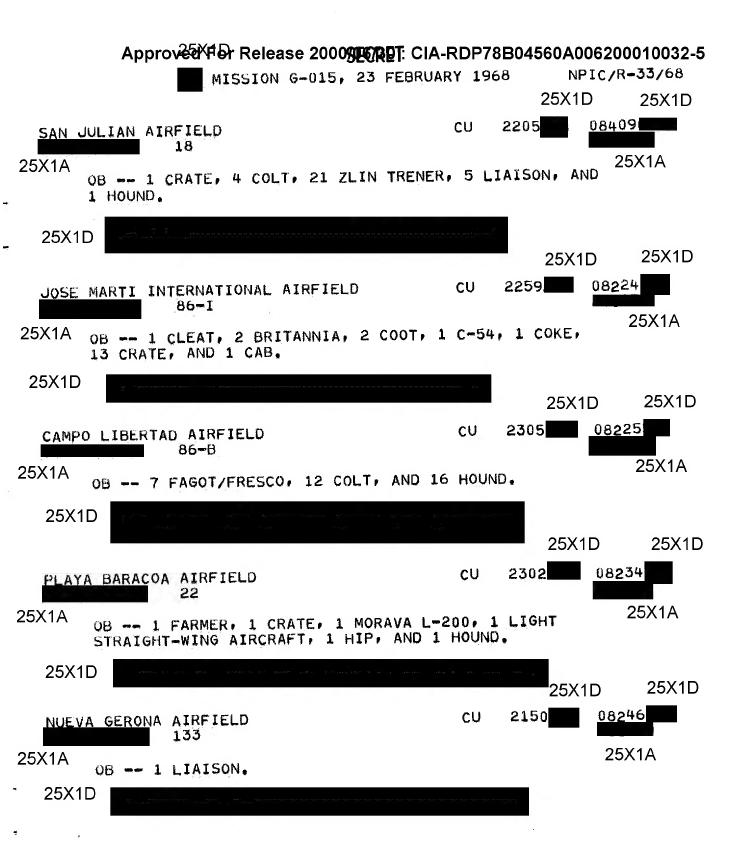
25X1D



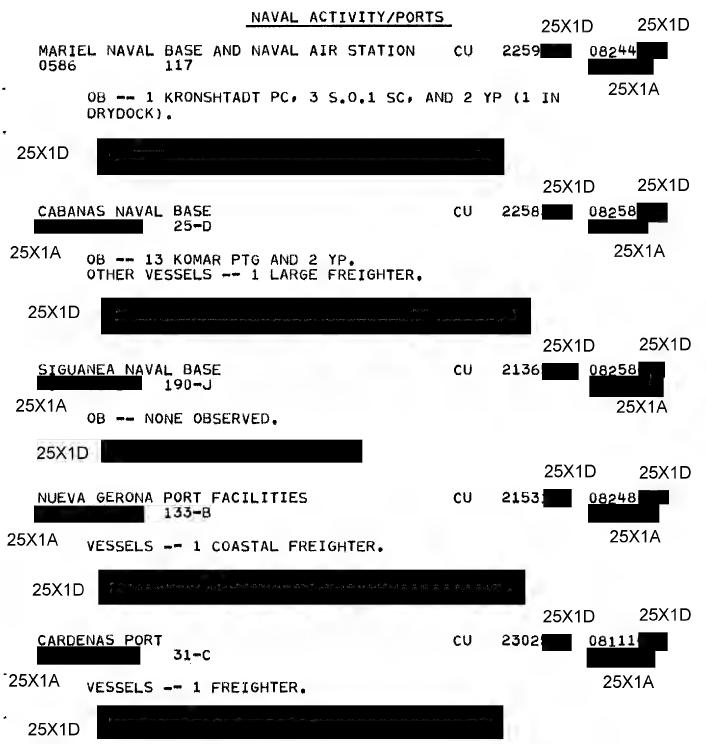
Approved For Release 2000/66/3RE:TCIA-RDP78B04560A006200010032-5 MISSION G-015, 23 FEBRUARY 1968 NPIC/R-33/68 25X1D 25X1D PUNTA BRAVA SAM SITE A29-2 CU 2301 08231 483-A 25X1A 25X1A OB -- 6 EMPLACED LAUNCHERS, 10 MISSILE TRANSPORTERS, A FAN SONG WITH 6 VAN TRAILERS, A PROBABLE ACQUISITION RADAR WITH GENERATOR VAN, AND 20 OTHER VEHICLES. NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES. 25X1D 25X1D 25X1D SANTA FE SAM SITE A30-2 CU 2147 08250. 179-H 25X1A OB -- 4 EMPLACED LAUNCHERS, 4 PROBABLE MISSILE 25X1A TRANSPORTERS, AND AN OCCUPIED GUIDANCE AREA OBSERVED IN CLOUD-FREE AREAS. NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES. 25X1D 25X1D 25X1D PUNTA BALLENATOS SAM SITE CU 2304 082294 0586 508-A 25X1A OB -- NONE OBSERVED. ACTIVITY -- CONSTRUCTION CONTINUES. 25X1D 25X1D 25X1D LA HABANA SAM SITE FORT DE LA CABANA CU 2308 08220 0586 86-P1 25X1A SITE IS NOW OCCUPIED AND OPERATIONAL. OB -- 6 EMPLACED LAUNCHERS (2 WITH MISSILES), 2 MISSILE TRANSPORTERS, A FAN SONG RADAR, A PROBABLE SPOON REST RADAR WITH GENERATOR VAN. 6 ZIL-157V, 3 CARGO TRUCKS, 1 TRUCK-MOUNTED CRANE, AND 3 CARGO TRAILERS.

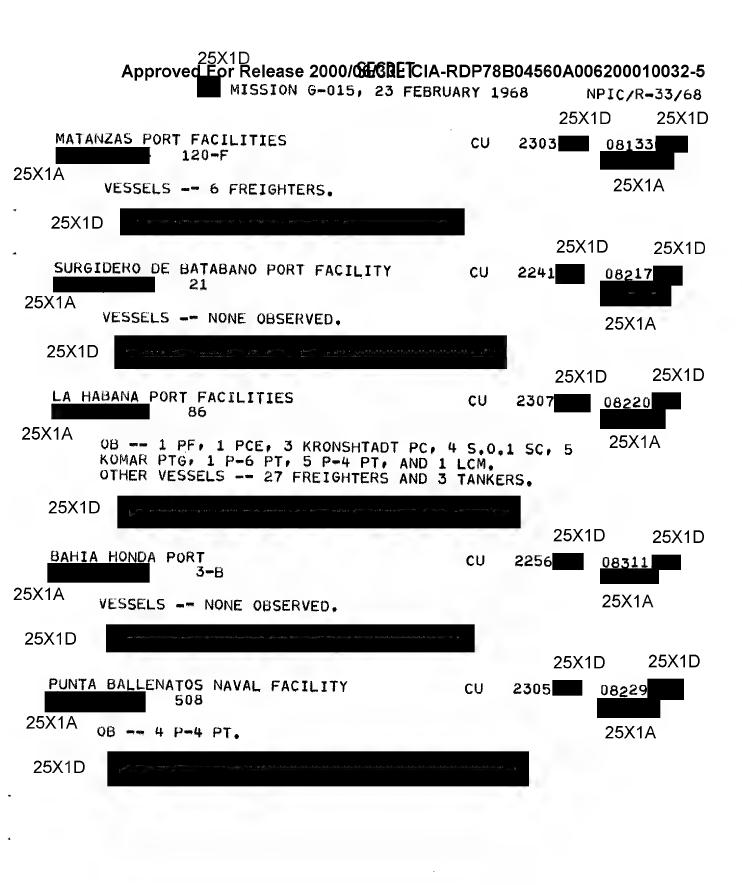
25X1D





Approved For Release 2000/ GRETCIA-RDP78B04560A006200010032-5 MISSION G-015, 23 FEBRUARY 1968 NPIC/R-33/68

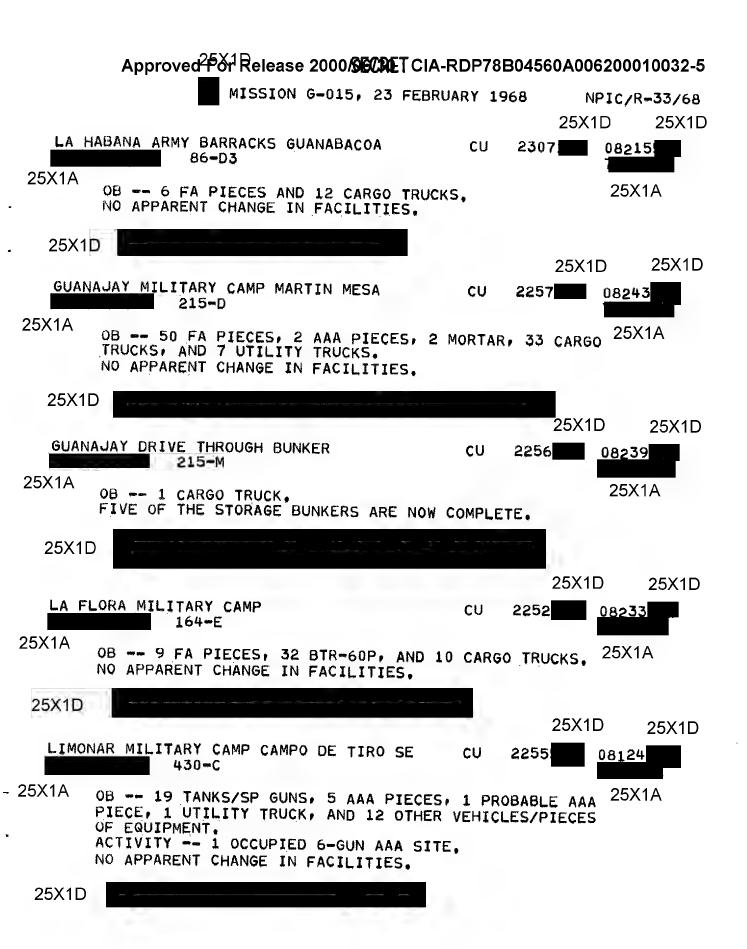




Approved For Release 2000/05/60 FCIA-RDP78B04560A006200010032-5 MISSION G-015, 23 FEBRUARY 1968 NPIC/R-33/68

ELECTRONICS/COMMUNICATIONS 25X1D 25X1D CU 2139 08245 SANTA FE AW RADAR FACILITY 179-G 25X1A 25X1A 25X1D 25X1D 25X1D CABANAS RADAR FACILITY CAYO TOMAS CU 2259 08258 25-F 25X1A 25X1A OB -- 1 PROBABLE LOW SIEVE RADAR, 25X1D 25X1D 25X1D 08457 CABO SAN ANTONIO LOW SIEVE RADAR FAC CU 84 25X1A 25X1A QB -- NONE OBSERVED. 25X1D 25X1D 25X1D HABANA RADAR FACILITY EL MORRO NO 1 2309 08221 CU 86-M1 25X1A 25X1A OB -- NONE OBSERVED. 25X1D 25X1D 25X1D CARDENAS RADAR FAC HICACOS PENINSULA CU 2311 08108 201-E 25X1A OB -- NONE OBSERVED. 25X1A 25X1D 25X1D 25X1D LARGO ISLAND LOW SIEVE RADAR FACILITY CU 2135 081300 37-F 0586 25X1D 25X1A SOUTHERN PART OF LARGO ISLAND AT UTM OB -- A LOW SIEVE RADAR AND AN ASSOCIATED BUILDING. (MAP REFERENCE -- AMS SERIES E-502, SHEET NF 17-10, 1ST ED.) 25X1D

Approved Fon Release 2000 €6/801: CIA-RDP78B04560A006200010032-5 MISSION G-015, 23 FEBRUARY 1968 NPIC/R-33/68 MILITARY ACTIVITY 25X1D 25X1D 08218 RANCHO BOYEROS MIL TRAINING AREA A CAMP CU 2300 86-Z1 25X1A 25X1A OB -- 12 FA PIECES, 6 AAA PIECES, 6 BTR-60P, 60 CARGO TRUCKS, AND 1 UTILITY TRUCK. NO APPARENT CHANGE IN FACILITIES. 25X1D 25X1D 25X1D CU 23092 08215 LA HABANA BARRACKS COJIMAR 322-B 25X1A 25X1A OB -- 9 TANKS/SP GUNS, 9 APC, 6 AT-S TRACKED PRIME MOVERS, AND 150 CARGO TRUCKS. NO APPARENT CHANGE IN FACILITIES. 25X1D 25X1D 25X1D CU 2307 08207 CAMPO FLORIDO MILITARY CAMP EAST 445-A 25X1A 25X1A OB -- NONE OBSERVED. NO APPARENT CHANGE IN FACILITIES. 25X1D 25X1D 25X1D CU 08211 CAMPO FLORIDO MILITARY CAMP WSW 25X1A 25X1A OB -- 27 FA PIECES, 28 AAA PIECES, 68 CARGO TRUCKS, AND 14 UTILITY TRUCKS. NO APPARENT CHANGE IN FACILITIES. 25X1D 25X1D 25X1D 08133 LARGO ISLAND MILITARY CAMP CU 2137 25X1A 25X1D



Approved Fon Release 2000 (15) CIA-RDP78B04560A006200010032-5 NPIC/R-33/68 MISSION G-015, 23 FEBRUARY 1968 25X1D 25X1D 2254 LIMONAR MILITARY TRAINING AREA CU 08121 430-D 25X1A 25X1A OB -- 4 TANK TRUCKS, 4 TANK TRAILERS, 13 CARGO TRUCKS, AND 3 UTILITY TRUCKS. ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE. NO APPARENT CHANGE IN FACILITIES. 25X1D 25X1D 25X1D CU 2258 08219 MANAGUA TANK PARK LOMAS DE TETAS 425-D 25X1A OB -- 24 TANKS/SP GUNS, 4 APC, AND 7 CARGO TRUCKS. 25X1A NO APPARENT CHANGE IN FACILITIES. 25X1D 25X1D 25X1D 25X1A MARIEL MILITARY CAMP LOMA GOBERNADORA CU 2256 08251 25-B 25X1A 25X1D 25X1D 25X1D SANTA FE MILITARY CAMP LA CLARITA CU 08246 179-E 25X1A 25X1A OB -- MAIN CAMP -- CLOUD-COVERED. CAMP 1.5 NM WNW -- 3 CARGO TRUCKS. CAMP 4.8 NM NW -- NONE OBSERVED IN CLOUD-FREE AREA. ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE. CONSTRUCTION CONTINUES ON DRIVE-THROUGH BUNKERS AT ADJACENT BARRACKS AREA. 25X1D 25X1D 25X1D SANTA FE MILITARY CAMP LUMUMBA CU 08249 0586 179-B 25X1A OB -- 6 VEHICLES/PIECES OF EQUIPMENT. NO APPARENT CHANGE IN FACILITIES. 25X1D

MISSION G-015, 23 FEBRUARY 1968 NPIC/R-33/68 25X1D 25X1D CU 2144 SANTA FE MILITARY CAMP EAST 08244 179-I 25X1A 25X1A OB -- 30 FA PIECES, 5 AAA PIECES, AND 29 CARGO NO APPARENT CHANGE IN FACILITIES. 25X1D 25X1D 25X1D CHORRERA DE MANAGUA MILITARY CAMP W CU 2302 08219 0586 316-D 25X1A OB -- 21 TANKS/SP GUNS, 20 BTR-60P, AND 11 CARGO TRUCKS. NO APPARENT CHANGE IN FACILITIES. 25X1D 25X1D 25X1D SIGUANEA MILITARY BARRACKS CU 21371 08257 190-H 25X1A 25X1A UB -- NONE OBSERVED. NO APPARENT CHANGE IN FACILITIES. 25X1D 25X1D 25X1D 25X1D 25X1D ALTURAS DE BELEN VEHICLE PARK CU 2305 08224 509 0586 25X1A OB -- 4 SALISH TRANSPORTER/LAUNCHERS AND 4 SALISH RESUPPLY VEHICLES. NO APPARENT CHANGE IN FACILITIES. 25X1D

Approved F257XR Elease 2000/06/SECRETA-RDP78B04560A006200010032-5 MISSION G-015, 23 FEBRUARY 1968 NPIC/R-33/68 25X1D 25X1D MATANZAS MILITARY INSTALLATION SAN MARTIN CU 25X1A 2301 08131 120-Q OB -- 14 FA PIECES, 32 CARGO TRUCKS, AND 15 OTHER 25X1A VEHICLES/PIECES OF EQUIPMENT. NO APPARENT CHANGE IN FACILITIES. 25X1D 25X1D 25X1D LA HABANA ARMY BARRACKS FORT DE LA CABANA CU 2308 08220 25X1A 86-P OB -- 6 POSSIBLE SALISH TRANSPORTER/LAUNCHERS, 2 FROG 25X1A LAUNCHERS, 3 FROG TRANSPORTERS, AND NUMEROUS OTHER VEHICLES. NO APPARENT CHANGE IN FACILITIES. 25X1D SPECIAL AREA VERMONT 25X1A CU 2301//N 08248//W 492 25X1D 25X1A SPECIAL AREA OREGON 25X1A CU 2259//N 08244//W 493 25X1A 25X1D SPECIAL AREA TEXAS CU 25X1A 2302//N 08235//W 495 25X1D 25X1A SPECIAL AREA OHIO 25X1A CU 2301//N 08239//W 496 25X1D 25X1A

Approved For Release 2000/66CRETCIA-RDP78B04560A006200010032-5 MISSION G-015, 23 FEBRUARY 1968 NPIC/R-33/68 SPECIAL AREA GREEN CU 2255//N 08242//W 497 25X1A 25X1A 25X1D 25X1D 25X1D TARARA LANDING BEACH CU 2310 082112 322 25X1A NO NEW MILITARY ACTIVITY OBSERVED. 25X1A 25X1D MATANZAS LANDING BEACH CU 2301//N 08126//W 120-A1 25X1A 25X1A NO MILITARY ACTIVITY OBSERVED. 25X1D PLAYA COLOMBO LANDING BEACH CU 2154//N 08246//W 0586 478 25X1A 25X1D PLAYA DE FLAMENCOS LANDING BEACH CU 2153//N 08243//W 0586 479 25X1A 25X1D ENSENADA DE PLAYUELAS LANDING BEACH CU 2246//N 08349//W 0587 85 25X1A 25X1D

MISSION G-015, 23 FEBRUARY 1968

NPIC/R-33/68

PENINSULA DE HICACOS LANDING BEACH 0586 201-F

CU 2311//N

08130//W

NO MILITARY ACTIVITY OBSERVED.

25X1A

25X1D

Approved For Release 2000 TO ET: CIA-RDP78B04560A006200010032-5

MISSION G-015, 23 FEBRUARY 1968

NPIC/R-33/68

INDEX OF TARGETS

AN ASTERISK (*) IN THE FINAL COLUMN DESIGNATES A TARGET THAT IS IDENTIFICATION ONLY. 25X1A

COMIREX

INSTALLATION NAME

ALQUIZAR SAM SITE A30-2 CAMPO FLORIDO SAM SITE A07-2 EL CANO SAM SITE GUANABACOA SAM SITE A14-2 GUARA SAM SITE A29-2 LA CACHIMBA SAM SITE A12-2 MAJANA SAM SITE 2 A27-A2 MANAGUA SAM SITE A05-2 MARIEL SAM SITE 2 A30-2 PUNTA BRAVA SAM SITE A29-2 LA CATALINA SAM SITE A34-2 SANTA FE SAM SITE A30-2 PUNTA BALLENATOS SAM SITE LA HABANA SAM SITE FORT DE LA CABANA SANTA CRUZ DEL NORTE CRUISE-MISSILE SITE SAN JOSE DE LAS LAJAS CRUISE-MSL STORAGE GUANABO CRUISE-MISSILE SITE EL CHICO SAM TRAINING AREA A07-2 EL CANO SAM TRAINING AREA SIGUANEA AIRFIELD KAWAMA AIRFIELD SAN ANTONIO DE LOS BANOS AIRFIELD SAN JULIAN AIRFIELD JOSE MARTI INTERNATIONAL AIRFIELD CAMPO LIBERTAD AIRFIELD PLAYA BARACOA AIRFIELD NUEVA GERONA AIRFIELD MARIEL NAVAL BASE AND NAVAL AIR STATION CABANAS NAVAL BASE SIGUANEA NAVAL BASE NUEVA GERONA PORT FACILITIES CARDENAS PORT MATANZAS PORT FACILITIES SURGIDERO DE BATABANO PORT FACILITY LA HABANA PORT FACILITIES BAHIA HONDA PORT PUNTA BALLENATOS NAVAL FACILITY BAHIA HONDA AW RADAR FACILITY BAHIA HONDA AW RADAR FACILITY 2 SAN JULIAN RADAR FAC AFLD GUANE SANTA FE AW RADAR FACILITY CABANAS RADAR FACILITY CAYO TOMAS

25X1A

Approved For Release 2000 CERT: CIA-RDP78B04560A006200010032-5

MISSION G-015, 23 FEBRUARY 1968

NPIC/R-33/68 25X1A

25X1A

CABO SAN ANTONIO LOW SIEVE RADAR FAC LA HABANA RADAR FACILITY EL MORRO NO 1 CARDENAS RADAR FAC HICACOS PENINSULA SANTA CRUZ DEL NORTE AW RADAR FACILITY LARGO ISLAND LOW SIEVE RADAR FACILITY ARTEMISA MILITARY CAMP RANCHO BOYEROS MIL TRAINING AREA A CAMP LA HABANA BARRACKS COJIMAR SANTIAGO DE LAS VEGAS MIL CAMP LOURDES MILITARY CAMP TORRENS CAMPO FLORIDO MILITARY CAMP EAST CAMPO FLORIDO MILITARY CAMP WSW LARGO ISLAND MILITARY CAMP LA HABANA ARMY BARRACKS GUANABACOA GUANAJAY MILITARY CAMP MARTIN MESA GUANAJAY DRIVE THROUGH BUNKER LA FLORA MILITARY CAMP LIMONAR MILITARY CAMP CAMPO DE TIRO SE LIMONAR MILITARY TRAINING AREA MANAGUA TANK PARK LOMAS DE TETAS MANAGUA MILITARY CAMP MARIEL MILITARY CAMP LOMA GOBERNADORA SAN DIEGO DE NUNEZ MILITARY CAMP SANTA FE MILITARY CAMP LA CLARITA SANTA FE MILITARY CAMP LUMUMBA SANTA FE MILITARY CAMP EAST SAN ANTONIO DE LOS BANOS MILITARY CAMP NE CHORRERA DE MANAGUA MILITARY CAMP W SIGUANEA MILITARY BARRACKS

25X1D CAMPO LIBERTAD VEHICLE PARK ALTURAS DE BELEN VEHICLE PARK MATANZAS MILITARY INSTALLATION SAN MARTIN LA HABANA ARMY BARRACKS FORT DE LA CABANA SPECIAL AREA VERMONT SPECIAL AREA OREGON SPECIAL AREA TEXAS SPECIAL AREA OHIO SPECIAL AREA GREEN TARARA LANDING BEACH MATANZAS LANDING BEACH PLAYA COLOMBO LANDING BEACH PLAYA DE FLAMENCOS LANDING BEACH ENSENADA DE PLAYUELAS LANDING BEACH PENINSULA DE HICACOS LANDING BEACH

Approved For Release 2006 [6850]: CIA-RDP78B04560A006200010032-5